

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
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EFS ID: 13962  
Application ID: 09683836  
Title of Invention: MASK DEFECT ANALYSIS SYSTEM  
First Named Inventor: James Bruce  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2002-02-21  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: BUR920010049  
Digital Certificate Holder: cn=Richard M. Kotulak, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US  
Certificate Message Digest: +2vV3dOjoEna4CaMzQkkHQ==  
Total Fees Authorized: \$1386.0  
Payment Category: DA – Deposit Account  
Deposit Account Number: 90456  
Deposit Account Name: Richard M. Kotulak



09683836-02-02-21

# TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility  
Patent Filing

Attorney Docket  
Number:

BUR920010049



## MASK DEFECT ANALYSIS SYSTEM

First Named Inventor: Mr. James A. Bruce

### SUBMITTED BY

Name: Richard M. Kotulak  
Registration Number: 27,712  
Electronic Signature Mark: Richard M. Kotulak /s/ Date Signed: 20020221

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

declaration	BUR920010049US1Dec1.tif
declaration	BUR920010049US1Dec2.tif
bibd-transmittal	BUR920010049US1apds.xml
patent-assignments	BUR920010049US1asgn.xml
fee-transmittal	BUR920010049US1fee.xml

specification

BUR920010049US1.xml

Attached Image File(s):

BUR920010049US1Dec1.tif

BUR920010049US1Dec2.tif

2017-03-20 09:39:50

Comments:

Assignee: International Business Machines Corporation Address: Armonk, NY 10504

09683836-0040

## Declaration and Power of Attorney for Patent Application

As a below named inventor, I hereby declare that::

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) or legal representative of David H. Blum (deceased), of the subject matter which is claimed and for which a patent is sought on the invention entitled: **MASK DEFECT ANALYSIS SYSTEM**

the specification of which (check

☒ is attached hereto.  
☐ was filed on \_\_\_\_\_  
as Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above- identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

Number	Country	Day/Month/Year	Priority Claimed
NONE			

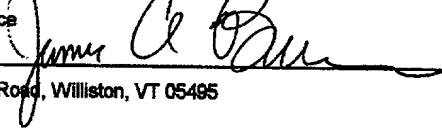
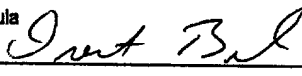
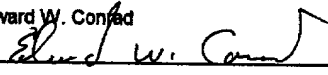
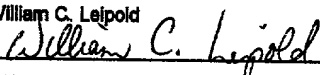

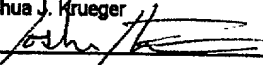
I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Applications:

Serial No.	Filing Date	Status
NONE		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Mark F. Chadurjian, (Reg. No. 30,739), Stanley B. Green, (Reg. No. 24,351), John E. Hoel, (Reg. No. 26,279), Christopher A. Hughes, (Reg. No. 26,914), Richard M. Kotulak, (Reg. No. 27,712), Joseph C. Redmond, Jr., (Reg. No. 18,573), William D. Sabo, (Reg. No. 27,485), Robert A. Walsh, (Reg. No. 26,516), Howard J. Walter, Jr., (Reg. No. 24,832), Richard A. Henker, (Reg. No. 39,220), Andrew M. Calderon, (Reg. No. 38,093), Kevin A. Reif, (Reg. No. 36,381), Mary G. Goulet, (Reg. No. 35,884), and Hae-Chan Park, (Reg. No. P50,114) as attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. All correspondence should be directed to McGuireWoods LLP, 1750 Tysons Boulevard, Suite 1800, McLean, VA 22102. Telephone calls should be directed to McGuireWoods LLP at (703) 712-5000.

- 2006-03-03 09:00
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\*Title 37, Code of Federal Regulations, § 1.56:

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith toward the Patent and Trademark Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and (1) it establishes, by itself or in combination with other information, a prima facie case of unpatentability; or (2) it refutes, or is inconsistent with, a position the applicant takes in: (i) opposing an argument of unpatentability relied on by the Office, or (ii) asserting an argument of patentability.

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 1386**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 09-0456



Deposit Account Name: International Business Machines Corporation

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

## SUBMITTED BY

Authorized Name: Richard M. Kotulak

Electronic Signature Mark: Richard M. Kotulak /s/

Date Signed: 20020221

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 35	103	\$ 18	15	\$ 270
Independent Claims: 7	102	\$ 84	4	\$ 336

Subtotal For Extra Claims Fees: \$ 606

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40

09683836-0940